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JCS43 U.S.

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Docket No. 006282/FET/MDR/DSI/

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

Re: Inventor(s): Amos Dor and Yifah Gavra
Title: Defect Source Identifier with Static Manufacturing Execution System

Transmitted herewith is the patent application identified above, including:

- Specification, claims and abstract, totaling 12 pages.
 Drawings totaling 3 pages, _ Formal Informal.
 Executed Declaration and Power of Attorney.
 Assignment of the invention to Applied Materials, Inc.
 Assignment Recordation Cover Sheet

J1050 U.S. PRO
10/047781 01/14/02

FEE CALCULATION					
Fee Items	Claims Filed	Included With Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	6	- 20 =	0	X \$ 18.00	\$ 000.00
Independent Claims	1	- 3 =	0	X \$ 84.00	\$ 000.00
Basic Filing Fee				\$	\$ 740.00
TOTAL FEES					\$ 740.00

- The Commissioner is hereby authorized to charge \$ 740.00 to Deposit Account No. 50-1074.
 The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1074. A duplicate copy of this transmittal is enclosed.
 Please address all future correspondence to:

PATENT COUNSEL
APPLIED MATERIALS, INC.
Legal Affairs Department
P.O.BOX 450A
Santa Clara, CA. 95052

I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231

Express Mail Receipt No. E1047834036US

Date of Deposit 1-14-02

Signature Robert W. Mulcahy

Respectfully submitted,

Robert W. Mulcahy
Registration No. 25,436